

Appl. No. : 10/614,650
Filed : July 7, 2003

CLAIMS

Please amend the claims to read as follows. Deletions are depicted in ~~strikeout~~ text, and additions are underlined.

1. Cancelled.
2. (Withdrawn) The device of Claim 10, wherein the elongate portions extend generally parallel to a longitudinal axis of the elongate body.
3. (Withdrawn) The device of Claim 2, wherein the first and second portions are arranged concentrically.
4. (Withdrawn) The device of Claim 3, wherein the second portion is arranged concentrically around the first portion.
5. Cancelled.
6. (Withdrawn) The device of Claim 10, wherein the first and second portions are unitarily formed.
7. Cancelled.
8. (Withdrawn) The device of Claim 10, wherein the first lumen is connectable to a source of vacuum capable of drawing a vacuum through the first lumen.
9. (Withdrawn) The device of Claim 8, wherein the wound closure member is held onto the first lumen distal opening by the vacuum.
10. (Previously Presented) A device as in Claim 21,
wherein the elongate body has a first portion comprising the first lumen and a second portion comprising the second lumen, and the first and second portions are rigidly connected to one another so as to always move as a single elongate unit.
11. (Withdrawn) A device as in Claim 21 additionally comprising
a flow guide comprising a flow guide body configured to be movably connected to the tissue closure device elongate body, a distal end of the flow guide body adapted to fit partially circumferentially around the elongate body and to define a flow path generally transverse to a longitudinal axis of the elongate body.
12. (Withdrawn) The device of Claim 11, wherein the flow guide comprises at least two guide tabs, and the flow path is defined between the guide tabs.

13. (Withdrawn) The device of Claim 11, wherein the flow guide is longitudinally movable relative to the elongate body.

14. (Withdrawn) The device of Claim 11, wherein the flow guide is rotationally movable relative to the elongate body.

15. (Withdrawn) The device of Claim 11 additionally comprising a lock adapted to releasably secure the flow guide in a position relative to the elongate body.

16. Cancelled.

17. (Withdrawn) A device as in Claim 21 additionally comprising an organ stabilizer configured to be movably attached to the elongate body; wherein the organ stabilizer device comprises an elongate stabilizer body including a lumen having a distal opening, the lumen being connectable to a source of vacuum, the distal opening adapted to be engagable with bodily tissue to secure the tissue in place with the vacuum.

18. (Withdrawn) A device as in Claim 21 additionally comprising an organ stabilizer configured to be movably attached to the elongate body; wherein the organ stabilizer device comprises an elongate stabilizer body having a ridge, and the ridge is configured to engage the tissue closure device elongate body so that the closure device elongate body is spaced from the elongate stabilizer body.

19. (Withdrawn) The device of Claim 18, wherein the stabilizer body comprises a lumen having a distal opening adapted to be engagable with bodily tissue.

20. (Withdrawn) The device of Claim 19, wherein the stabilizer body comprises a plurality of lumens.

21. (Currently Amended) A device for at least partially closing an opening in tissue, comprising:

an elongate body comprising a first lumen having a first distal opening and a second lumen having a second distal opening, the lumens arranged so that a longitudinal space is defined between the first and second distal openings;

a first connector adapted to provide access to the first lumen;

a second connector adapted to provide access to the second lumen; and

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a non-inflatable wound cover member releasably connected to the elongate body at the first distal opening in a manner so that the wound cover member remains connected when the device is advanced toward a wound;

wherein the device is configured so that, during advancement towards an opening in tissue and during operation, the first distal opening is permanently maintained at a position distal of the second distal opening, and the first and second lumens do not communicate with one another; and

wherein the wound cover member and the elongate body are configured so that when the wound cover member is released from the first distal opening of the elongate body at or adjacent an opening in tissue, the wound cover member is wholly disconnected from the device.

22. (Previously Presented) The device of Claim 21, wherein the second lumen is configured to communicate a flowing fluid therethrough.

23. Cancelled.

24. (Currently Amended) The device of Claim 21 additionally comprising a release rod sized and configured to slide through the first lumen and into contact with the wound cover member, the release rod being movable independent of the wound cover member.

25. (Withdrawn) A device as in Claim 21 additionally comprising
a tissue stabilizer connected to the elongate body so as to be longitudinally
movable relative to the elongate body;

wherein the elongate body is configured to push the wound cover member onto a body tissue at a desired location; and

wherein the tissue stabilizer is configured to apply traction in a direction generally opposed to the elongate body to a body tissue at a location at or adjacent the location of the wound cover member.

26. (Withdrawn) The device of Claim 25, wherein the tissue stabilizer comprises a lumen, and the lumen is selectively connected to a source of suction.

27. (Withdrawn) The device of Claim 26, wherein the tissue stabilizer comprises a plurality of lumens.

28. (Withdrawn) The device of Claim 26, wherein the elongate body comprises a distal opening at the distal end, and a lumen communicating with the distal opening, the lumen being selectively attachable to a source of vacuum, and the wound cover member is releasably held onto the distal opening by the vacuum.

29. Cancelled

30. (Withdrawn) The device of Claim 17, wherein the first and second portions are arranged adjacent one another and are rigidly connected so as to move as a single unit.

31. (Withdrawn) The device of Claim 30, wherein the first and second portions are unitarily formed.

32. (Withdrawn) The device of Claim 30, wherein the organ stabilizer extends circumferentially around the elongate body.

33. (Withdrawn) The device of Claim 19, wherein the organ stabilizer body extends circumferentially around the elongate body.

34. (Previously Presented) The device of Claim 10 additionally comprising a release rod, wherein the first lumen is adapted to slidably receive the release rod therein.

35. (Previously Presented) The device of Claim 21, wherein the wound cover member has a maximum diameter that is greater than a diameter of the second lumen distal opening.

36. (Previously Presented) The device of Claim 21, wherein the first connector is adapted to connect to a source of vacuum so as to draw a vacuum through the first lumen.

37. (Previously Presented) The device of Claim 36, wherein the wound closure member is held onto the first lumen distal opening by the vacuum.

38. (Previously Presented) The device of Claim 36, wherein the second connector is adapted to selectively connect to a source of vacuum so as to draw a vacuum through the second lumen.

39. (Previously Presented) The device of Claim 21, wherein the second connector is adapted to selectively connect to a source of irrigation fluid.

40. (Previously Presented) The device of Claim 21, wherein the second connector is adapted to selectively connect to a source of flowable adhesive so that flowable adhesive may flow through the second lumen and out the second distal opening.

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41. (Previously Presented) The device of Claim 21, wherein the second connector defines a second connector lumen, and an axis of the second connector lumen is disposed in a direction generally transverse to an axis of the second lumen.

Please add the following new claims:

42. (New) The device of Claim 21, wherein the wound cover member does not engage any portion of the device other than the first distal opening.

43. (New) The device of Claim 42, wherein the wound cover member substantially does not extend proximally beyond the first distal opening.

44. (New) The device of Claim 21, wherein the wound cover member is cuttable.

45. (New) The device of Claim 21, wherein the second lumen terminates at the second distal opening.

46. (New) The device of Claim 45, wherein the second distal opening lies in a plane substantially normal to a longitudinal axis of the second lumen.

47. (New) The device of Claim 46, wherein the wound cover member is sized and configured to block the first distal opening when connected to the elongate body and a portion of the wound cover member extends outwardly from the first distal opening in a direction generally transverse to the first lumen longitudinal axis, and wherein the second distal opening opens toward the portion of the wound cover member.